



Dkt. 43966-CB/JPW/BJA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Graham P. Allaway et al.
Serial No.: 09/904,356 Examiner: J.S. Parkin, Ph.D.
Filed : July 12, 2001 Group Art Unit: 1648
For : METHODS FOR ASSAYING INHIBITION OF HIV-1 ENVELOPE
GLYCOPROTEIN-MEDIATED MEMBRANE FUSION

30 Rockefeller Plaza, 20th Fl.
New York, New York 10112

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA, 22323-1450

Sir:

TERMINAL DISCLAIMER

Progenics Pharmaceuticals, Inc., a corporation of the state of Delaware, having a place of business at 770 Old Saw Mill River Road, Tarrytown, Westchester, NY 10591, ("Progenics") is the assignee of the entire right, title and interest in the above-identified application by virtue of an assignment of U.S. Serial No. 08/973,601, filed March 16, 1998, now U.S. Patent 6,261,763, issued July 17, 2001, of which the above-identified application is a continuation, which assignment was recorded in the U.S. Patent and Trademark Office on March 16, 1998 at Reel No. 9079, Frames 0564-0569, a copy of which is attached hereto as **Exhibit 1**.

Progenics is also the assignee of the entire right, title and interest in U.S. Patent No. 7,118,859, issued October 10, 2006, by virtue of an assignment of U.S. Serial No. 09/118,415, filed April 5, 2002, now abandoned, which assignment was recorded in the U.S. Patent and Trademark Office on October 7, 1998 at Reel No. 9518, Frames 0698-0703, a copy of which is attached hereto as **Exhibit 2**.

Applicants: Graham P. Allaway et al.
Serial No.: 09/904,356
Filed : July 12, 2001
Page : 2 of 3 of Terminal Disclaimer

Progenics hereby disclaims, except as provided below, the terminal portion of the statutory term of any patent granted on the above-identified application and which would extend beyond the expiration date of the full statutory term as defined in 35 U.S.C. §154 to §156 of U.S. Patent No. 7,118,859 and hereby agrees that any patent issued from the subject application shall be enforceable only for and during such period that the legal title to such patent shall be the same as the legal title to U.S. Patent No. 7,118,859, this agreement to run with any patent granted on the subject application and to be binding upon the grantee, its successors and assigns.

In making the above disclaimer, Progenics does not disclaim the terminal portion of the term of any patent granted on the subject application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. §154 to §156 and §173 of U.S. Patent No. 7,118,859 in the event that such patent expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. §1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term.

I have reviewed the assignments attached hereto and certify that, to the best of my knowledge and belief, Progenics is the assignee of all right, title and interest in and to the subject application and U.S. Patent No. 7,118,859. I further certify that I am authorized to sign on behalf of Progenics.


Applicants: Graham P. Allaway et al.
Serial No.: 09/904,356
Filed : July 12, 2001
Page : 3 of 3 of Terminal Disclaimer

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that any such willful false statement and the like so made is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that any such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

Date: 11-AUG-2009

Progenics Pharmaceuticals, Inc.

By:



Mark R. Baker
Executive Vice President - Corporate,
Progenics Pharmaceuticals, Inc.

EXHIBIT 1



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 04, 1998

COOPER & DUNHAM LLP
JOHN P. WHITE
1185 AVENUE OF THE AMERICAS
NEW YORK, NY 10036

PTAS



100681684A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/16/1998

REEL/FRAME: 9079/0564
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
ALLAWAY, GRAHAM P.

DOC DATE: 02/15/1998

ASSIGNOR:
LITWIN, VIRGINIA M.

DOC DATE: 03/02/1998

ASSIGNOR:
MADDON, PAUL J.

DOC DATE: 02/26/1998

ASSIGNEE:
PROGENICS PHARMACEUTICALS, INC.
777 OLD SAW MILL RIVER ROAD
TARRYTOWN, NEW YORK 10591

SERIAL NUMBER: 08973601
PATENT NUMBER:

FILING DATE: 03/16/1998
ISSUE DATE:

9079/0564 PAGE 2

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

3-16-98

04-08-1998

MAR 18 1998

43966-C-PCT-US/JPW/A
Docket No.FORM PTO-1595 (Substitute)
(Rev. 8-96)

To the Honorable Commissioner of Patents

100681684

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Original documents or copy thereof.

1. Name of conveying party(ies):

Graham P. Allaway
Virginia M. Litwin
Paul J. Maddon

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date(s): 2/15/98; 3/2/98; 2/26/98.

2. Name and address of receiving party(ies):

Name: Progenics Pharmaceuticals, Inc.

Internal Address:

Street Address: 777 Old Saw Mill River Road

City/State/Zip: Tarrytown, New York 10591

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is(are):

A. Patent Application No(s) 08/973,601

Filed December 8, 1997

B. Patent No(s)

Additional numbers attached?

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John P. White, Esq.

Internal Address:

Street Address: Cooper & Dunham LLP

1185 Avenue of the Americas

City/State/Zip: New York, New York 10036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41): \$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

03-3125

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Albert Wai-Kit Chan

Name of Person Signing

Albert Wai-Kit Chan

Signature

March 13, 1998

Date

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Albert Wai-Kit Chan

Reg. No. 36,479

3/13/98

Date

Total Number of pages including cover sheet, attachments and document: 5

OMB No. 0651-0011 (exp. 4-94)

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington D.C. 20231

Assignment

In consideration of One Dollar (\$1.00). and other good and valuable considerations. the receipt of which is hereby acknowledged. we, the undersigned.

Graham P. Allaway, Virginia M. Litwin, and Paul J. Maddon, residing at 10 Smilie Avenue, Moreton Merseyside, L46 6BL, England, and 5881 Buttonvale Road, Fayetteville, New York, U.S.A., and 64 Ridgeview Terrace, Elmsford, New York, U.S.A., respectively.

Hereby sell, assign and transfer to Progenics Pharmaceuticals, Inc.

*a corporation of the State of
Delaware having a place of business at 777 Old Saw Mill River Road
Tarrytown in the County of Westchester and State of New York 10591, U.S.A
its successors, assigns and legal representatives. the entire right, title and interest for all
countries. in and to any and all inventions which are disclosed and claimed. and any and all
inventions which are disclosed but not claimed. in the application for United States Patent.
which has been executed by the undersigned on and is entitled
Graham P. Allaway - 2/15/98;
Virginia M. Litwin - 3/2/98; and
Paul J. Maddon - 2/26/98.
METHODS FOR USING RESONANCE ENERGY TRANSFER-BASED ASSAY OF HIV-1 ENVELOPE
GLYCOPROTEIN-MEDIATED MEMBRANE FUSION, AND KITS FOR PRACTICING SAME
(U.S. Serial No. 08/973,601, Filed December 8, 1997)*

*and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all
other applications for U.S. Letters Patent or other related property rights in any and all
foreign countries which have been or shall be filed on any of said inventions disclosed in said
application; and in and to all original and reissued patents or related foreign documents which
have been or shall be issued on said inventions;*

*Authorize and request the Commissioner of Patents of the United States to issue to said
Assignee, the corporation above named, their successors, assigns and legal representatives, in
accordance with this assignment, any and all United States Letters Patent on said inventions
or any of them disclosed in said application;*

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 2/15 1998

Witness: [Signature]

William Olsen

21 Fulton Court

Chesham, NY 10562

[Signature] [L.S.]
Graham P. Allaway

Date: _____ 1998

Witness: _____

[L.S.]
Virginia M. Litwin

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____ 19 98 _____ [L.S.]
Graham P. Allaway
Witness: _____

Date: March 2 19 98 Virginia M. Litwin [L.S.]
Virginia M. Litwin
Witness: Richard T. Litwin
Richard T. Litwin
5581 Foothill Road
Framingham, NY 12666

Date: 2/26 1998

Witness: William Olson

William Olson

21 Fawn Court

Ossining NY 10562

Page 3
Paul J. Maddon (U.S.)
Paul J. Maddon

ASSIGNMENT BY

Graham P. Allaway, Virginia M.
Litvin and Paul J. Maddon

- to -

PROGENICS PHARMACEUTICALS, INC.

Application for Letters Patent of
the United States for:
METHODS FOR USING RESONANCE ENERGY
TRANSFER-BASED ASSAY OF HIV-1 ENVELOPE
GLYCOPROTEIN-MEDIATED MEMBRANE FUSION,
AND KITS FOR PRACTICING SAME

Attorney ~~XXX~~ John P. White

Cooper & Dunham LLP
1185 Avenue of the Americas
New York, N.Y. 10036
212-278-0400

EXHIBIT 2



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FEBRUARY 09, 1999

PTAS



100857615A

COOPER & DUNHAM LLP
JOHN P. WHITE, ESQ.
1185 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10036

FEB 11 1999

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/07/1998

REEL/FRAME: 9518/0698
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
LITWIN, VIRGINIA M.

DOC DATE: 09/02/1998

ASSIGNOR:
ALLAWAY, GRAHAM P.

DOC DATE: 09/02/1998

ASSIGNOR:
MADDON, PAUL J.

DOC DATE: 09/02/1998

ASSIGNEE:
PROGENICS PHARMACEUTICALS, INC.
777 OLD SAW MILL RIVER ROAD
TARRYTOWN, NEW YORK 10591

SERIAL NUMBER: 09118415
PATENT NUMBER:

FILING DATE: 07/17/1998
ISSUE DATE:

9518/0698 PAGE 2

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-22-1998

48965-A-PCT-US/JPW/AKC
Docket No.

FORM PTO-1595 (Rev. 8-96)		100857615		COVER SHEET ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.							
1. Name of conveying party(ies): Virginia M. Litwin Graham P. Allaway Paul J. Maddon				2. Name and address of receiving party(ies): Name: <u>Progenics Pharmaceuticals, Inc.</u> Internal Address: _____ Street Address: <u>777 Old Saw Mill River Road</u> City/State/Zip: <u>Tarrytown, New York 10591</u>			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____				Execution Date(s): <u>9/2/98; 9/2/98; 9/2/98</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is(are): _____							
A. Patent Application No.(s) <u>09/118,415</u> <u>Filed July 17, 1998</u>				B. Patent No.(s) _____			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>John P. White, Esq.</u> Internal Address: _____ Street Address: <u>Cooper & Dunham LLP</u> <u>1185 Avenue of the Americas</u> City/State/Zip: <u>New York, New York 10036</u>				6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR §3.41): \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account			
8. Deposit account number: <u>03-3125</u>				DO NOT USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.							
Albert Wai-Kit Chan Name of Person Signing				 Signature		<u>October 7, 1998</u> Date	
I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. Albert Wai-Kit Chan Reg. No. 36,479				Total Number of pages including cover sheet, attachments and document: <u>5</u>			
OMB No. 0651-0011 (exp. 4/94)							
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231							

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned, Virginia M. Litwin, Graham P. Allaway, and Paul J. Maddon residing at 5881 Buttonvale Road, Fayetteville, New York 13066, U.S.A.; 6 Fairfax Drive, Wilmslow, Cheshire SK9 6EY, United Kingdom; and 60 Haven Avenue Apartment No. 25-C, New York, New York 10032, U.S.A.; respectively.

Hereby sell, assign and transfer to Progenics Pharmaceuticals, Inc.

*a corporation of the State of
Delaware having a place of business at 777 Old Saw Mill River Road
Tarrytown in the County of Westchester and State of New York 10591, U.S.
its successors, assigns and legal representatives, the entire right, title and interest for all
countries, in and to any and all inventions which are disclosed and claimed, and any and all
inventions which are disclosed but not claimed, in the application for United States Patent,
which has been executed by the undersigned on September 2, 1998; and is entitled
September 2, 1998; and
September 2, 1998.*

COMPOUNDS CAPABLE OF INHIBITING HIV-1 INFECTION
(U.S. Serial No. 09/118,415, Filed July 17, 1998, a continuation of PCT
International Application No. PCT/US97/00758, Filed January 17, 1997, a
continuation-in-part of U.S. Serial No. 08/587,458, filed January 17, 1996)

*and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all
other applications for U.S. Letters Patent or other related property rights in any and all
foreign countries which have been or shall be filed on any of said inventions disclosed in said
application; and in and to all original and reissued patents or related foreign documents which
have been or shall be issued on said inventions;*

*Authorize and request the Commissioner of Patents of the United States to issue to said
Assignee, the corporation above named, their successors, assigns and legal representatives, in
accordance with this assignment, any and all United States Letters Patent on said inventions
or any of them disclosed in said application;*

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____ 19

Witness: _____

[L.S.]
Virginia M. Litwin

Date: 2 September 19 78

Witness: M. D. Lee

MICHAEL D. LEE

57 CLAYTON GARDEN

CHESTER WAZ GFA.

Graham P. Allaway
[L.S.]
Graham P. Allaway

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 9-3 1978 Virginia M. Litwin [L.S.]

Witness: Richard J. Logan
Richard J. Logan
5581 B. Hauls Road
Fayetteville, N.Y. 13066

Date: _____ 19 _____ Graham P. Allaway [L.S.]

Witness: _____

Paul J. Maddon [L.S.]
Paul J. Maddon

Date: September 2 1978

Witness: William Olson

William Olson

21 Fawn Court

Ossining NY 10562

Date: _____ 19

Witness: _____

Date: _____ 19

Witness: _____

[L.S.]

[L.S.]

EXHIBIT B